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MEAN WELL

SWITCHING POWER SUPPLY

ISO-9001 CERTIFIED MANUFACTURER

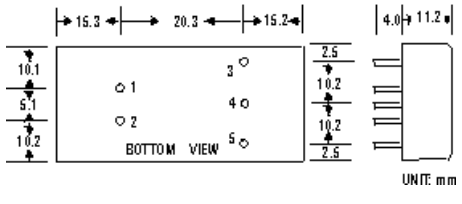
SKE10A SERIES

Jameco Part Number 217007 (SKE10A-12)

- .2:1 WIDE INPUT RANGE
- .4:1 INPUT IS AVIALABLE
- .REGULATED DC OUTPUT
- .500VDC I/P ISOLATION
- .1K~3KVDC ISOLATION IS AVAILABLE
- .LOW PROFILE / SMALL SIZE
- .EPOXY ENCAPSULATED
- .HIGH PERFORMACE / LOW COST
- .SHORT CIRCUIT PROTECTION
- .OVER CURRENT PROTECTION
- .FREE AIR CONVECTION
- .100% BURN-IN TEST
- .1 YEAR WARRANTY

MODEL / SPECIFICATION	SKE10A-05	SKE10A-12	SKE10A-15	SKE10A-24
DC OUTPUT VOLTAGE	5V	12V	15V	24V
OUTPUT VOLTAGE ACCURACY	±2%			
OUTPUT RATED CURRENT	2000mA	840mA	666mA	420mA
OUTPUT CURRENT RANGE	200-2000mA	84-840mA	66.6-666mA	42-420mA
RIPPLE & NOISE	50mVp-p	60mVp-p	60mVp-p	80mVp-p
LINE REGULATION	± 0.3%	±0.3%	±0.3%	±0.3%
LOAD REGULATION	± 1%	± 1%	± 1%	± 1%
DC OUTPUT POWER	10W	10W	10W	10W
EFFICIENCY	81% (TYPICAL)			
SWITCHING FREQUENCY	300KHz (TYPICAL)			
INPUT VOLTAGE RANGE	9~18VDC			
INPUT CURRENT	1.1A/12VDC; 25mA @ NO LOAD (TYPICAL)			
SHORT CIRCUIT PROTECTION	CONTINOUS			
OVER CURRENT PROTECTION	160~250% AUTO RECOVERY			
TEMP. COEFFICIENT	±0.02% / °C (0~50°C)			
ISOLATION VOLTAGE	I/P-O/P:500VDC MIN.			
ISOLATION RESISTANCE	I/P-O/P:500VDC / 100M Ohms MIN.			
TRANSIENT RESPONSE	<250u sec. FOR 25% LOAD STEP CHANGE			
WORKING TEMP., HUMIDITY	-15°C~+60°C, 20%~90% RH (NO DERATING); 80% LOAD @ 71°C			
STORAGE TEMP., HUMIDITY	-25°C~+85°C, 10%~95% RH			
DIMENSION	2"*1"*0.42"			
WEIGHT	32g			
CASE METERIAL	SIX-SIDED SHIELD METAL CASE			

MECHANISM AND PIN CONFIGURATION



Pin no.	Output
1	+Vin
2	-Vin
3	+Vout
4	N.C.
5	GROUND

NOTE :
1. ALL PARAMETERS ARE SPECIFIED AT RATED INPUT, RATED LOAD, 25°C 70% RH. AMBIENT.
2. RIPPLE & NOISE ARE MEASURED AT 20MHz BY USING A 12" TWISTED PAIR TERMINATED WITH A 0.1uF & 47uF CAPACITOR.
3. LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD.
4. LOAD REGULATION IS MEASURED FROM 20% TO 100% RATED LOAD.

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